

Fig. 1

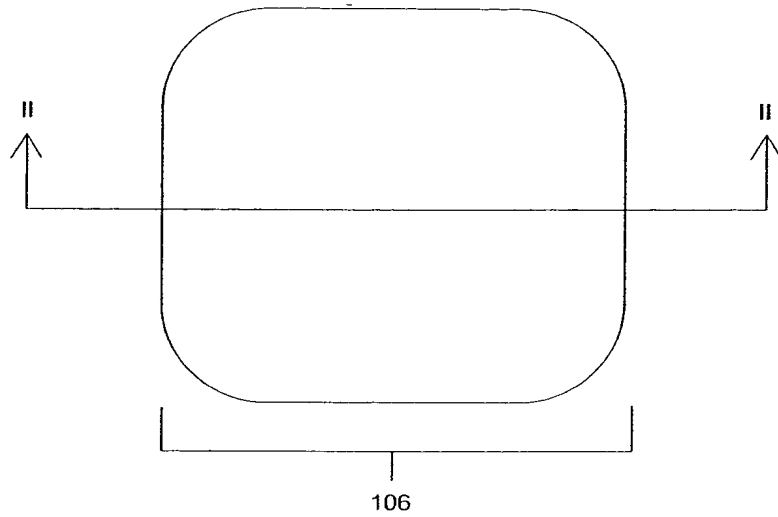
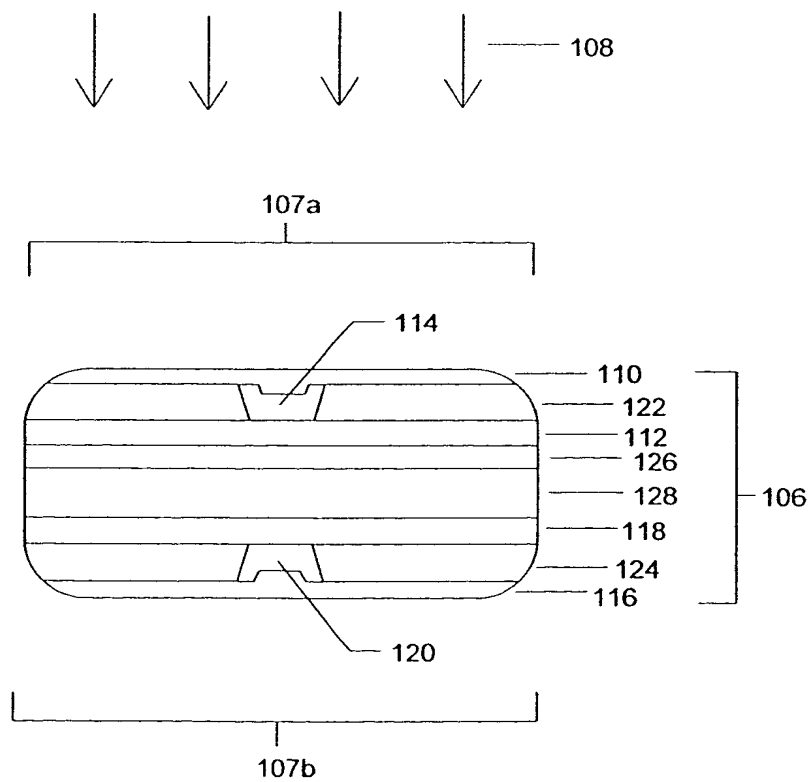


Fig. 2



Patent Application for: MULTI-PHASIC MICROPHOTODIODE RETINAL IMPLANT AND ADAPTIVE
IMAGING RETINAL STIMULATION SYSTEM

Inventor(s): Alan Y. Chow et al.
Attorney Docket No. 3614/171

Fig. 3

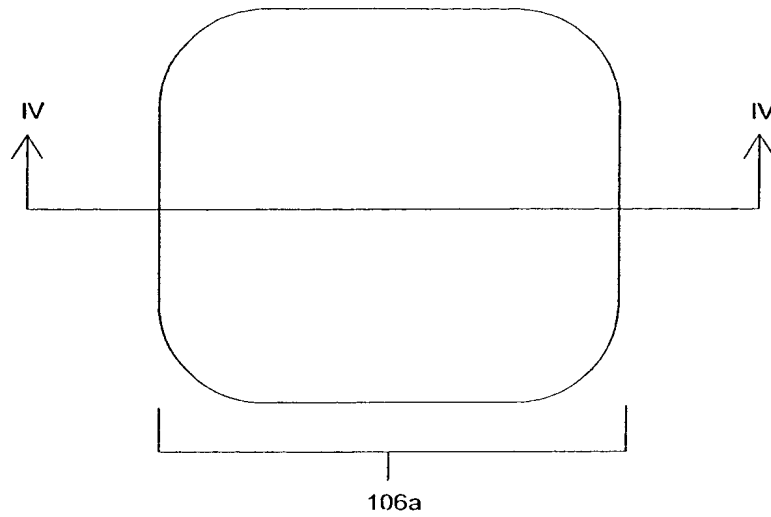


Fig. 4

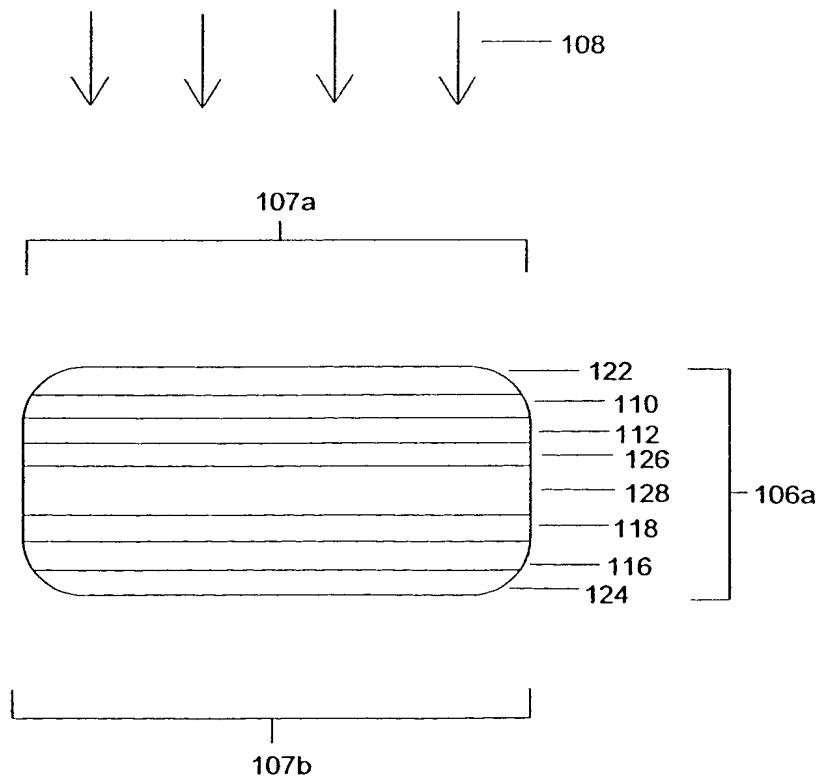


Fig. 5

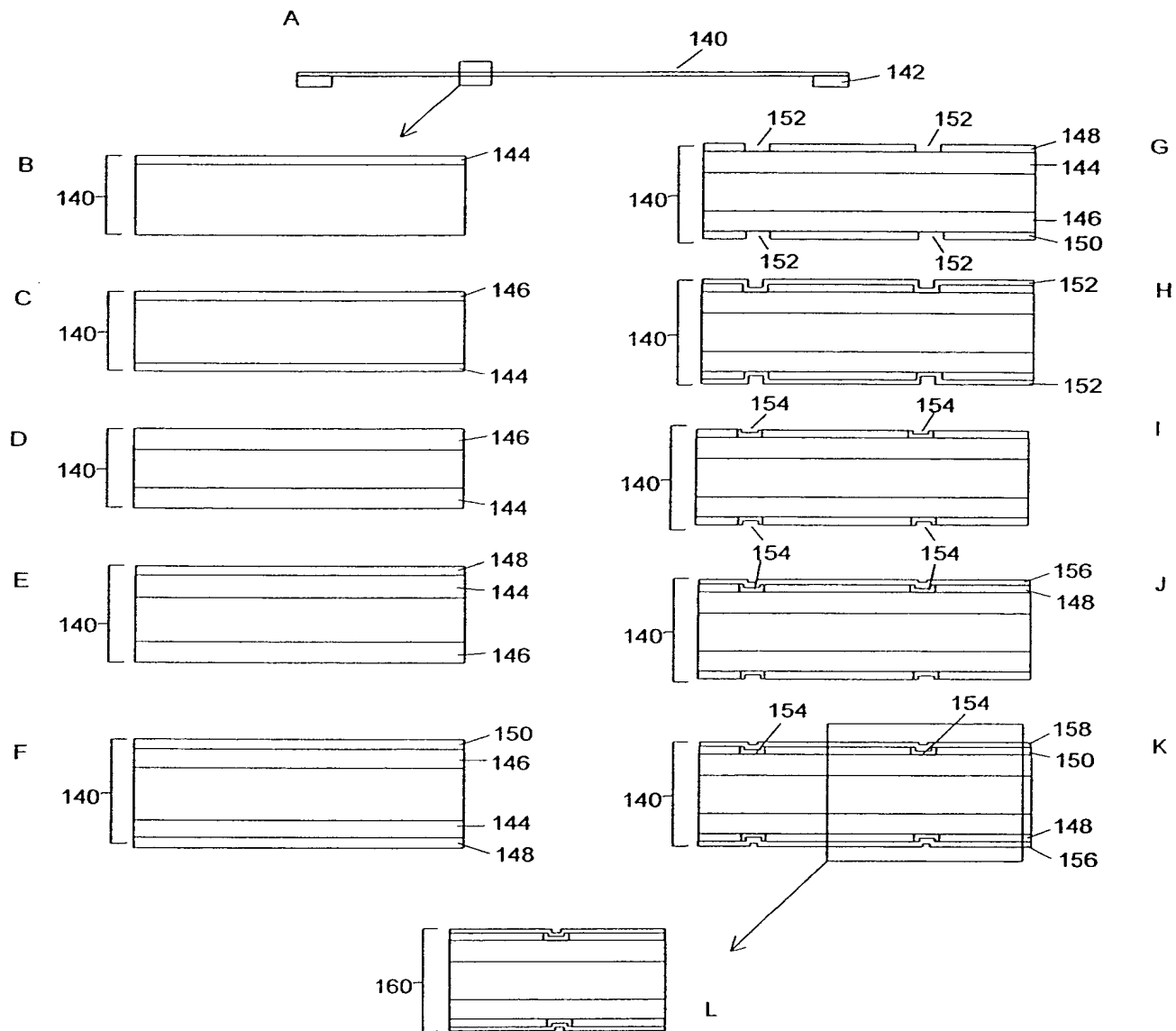
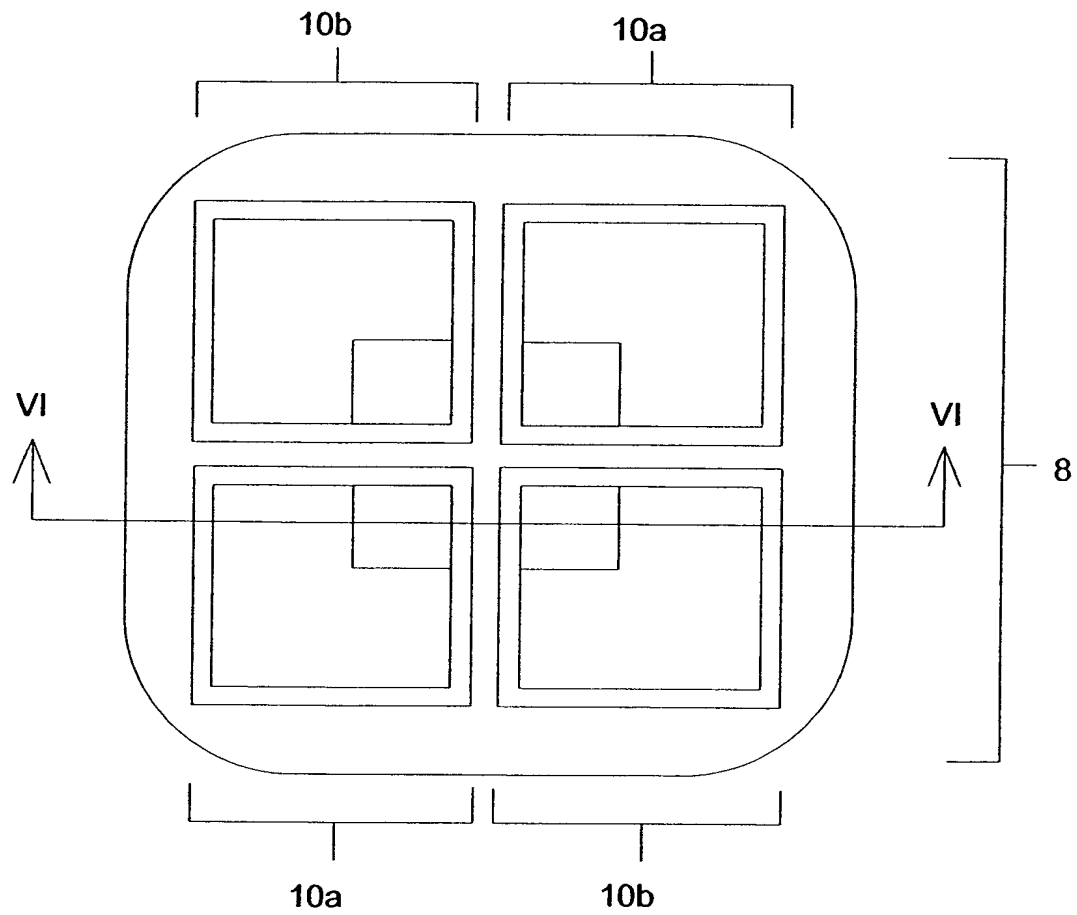


Fig. 6



Patent Application for: MULTI-PHASIC MICROPHOTODIODE RETINAL IMPLANT AND ADAPTIVE
IMAGING RETINAL STIMULATION SYSTEM

Inventor(s): Alan Y. Chow et al.

Attorney Docket No. 3614/171

Fig. 7

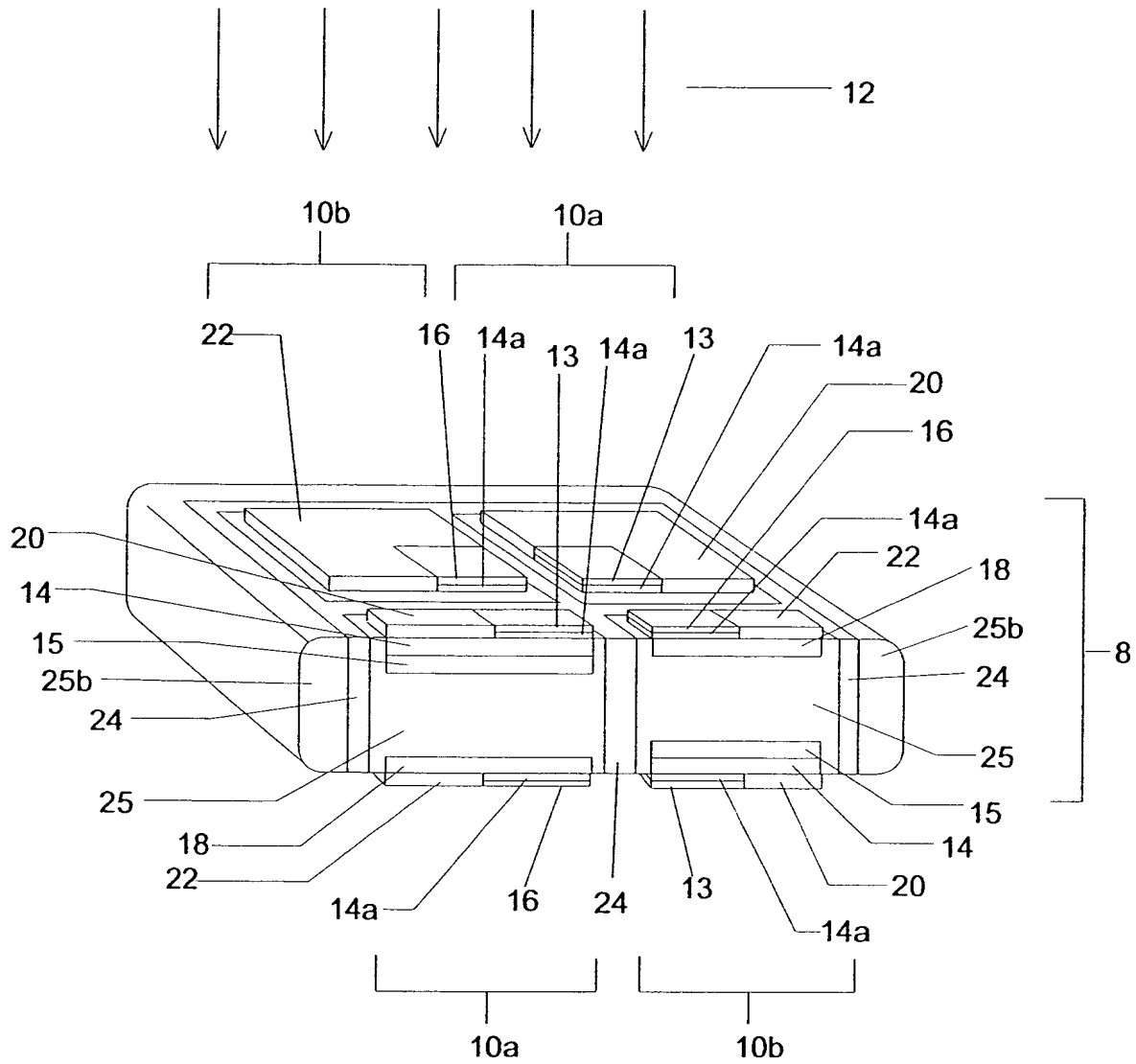


Fig. 8

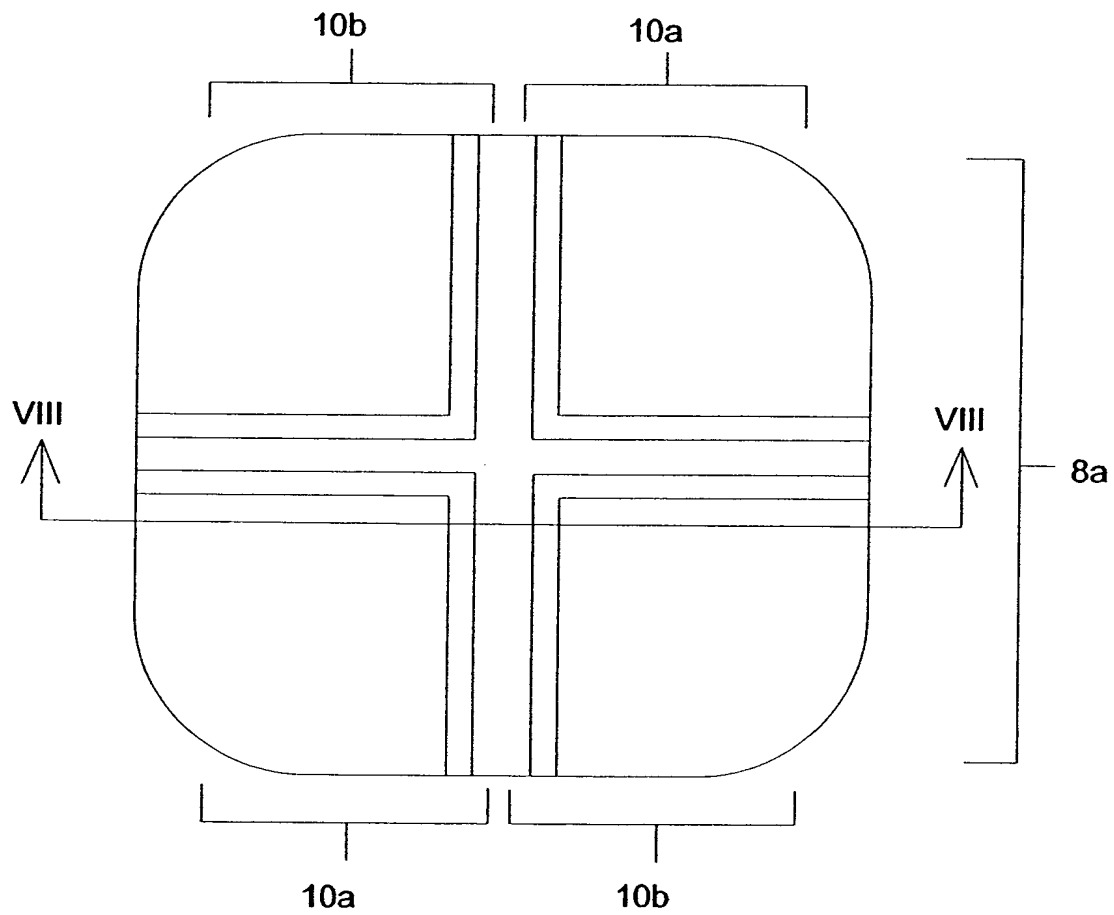
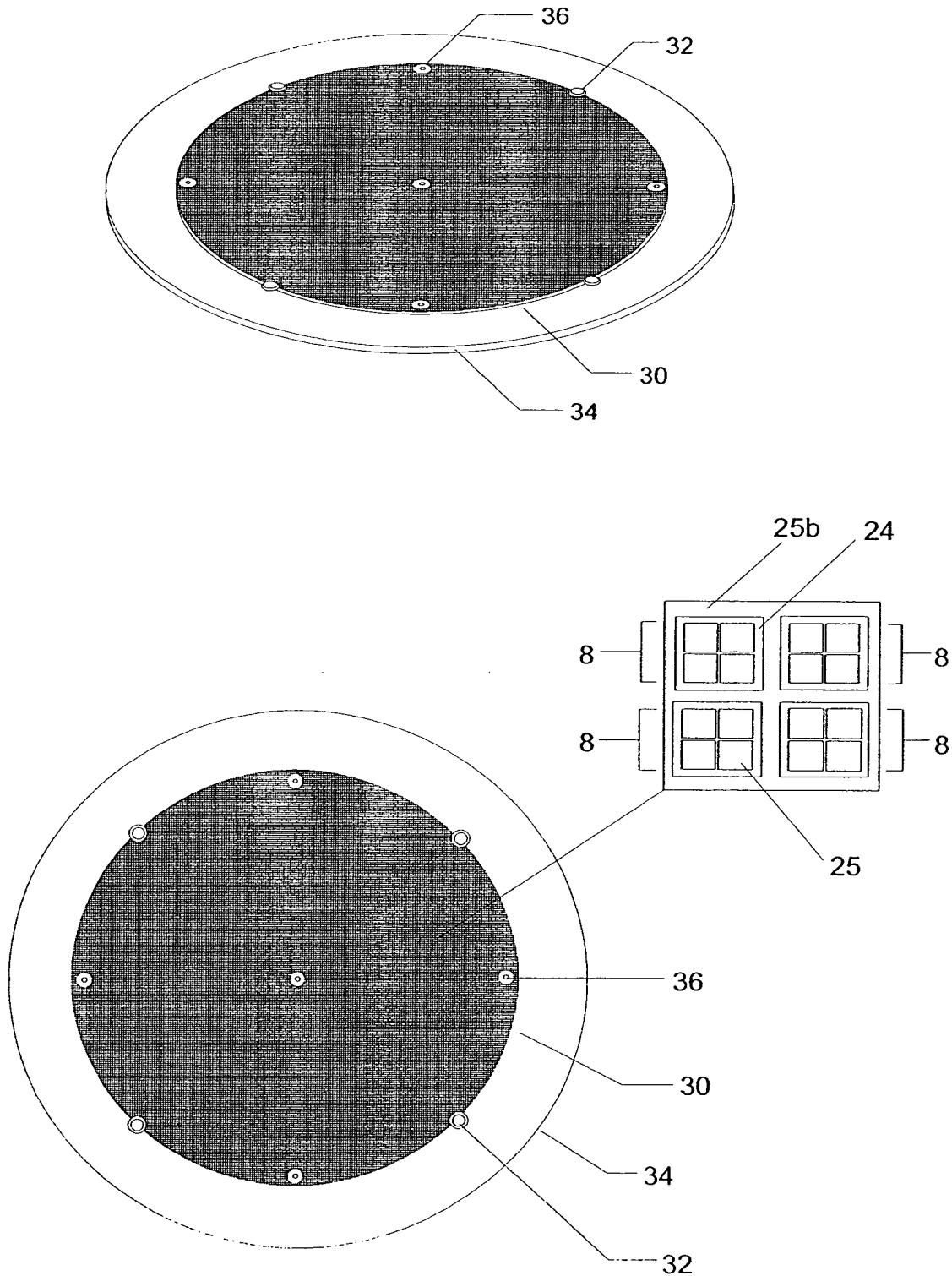


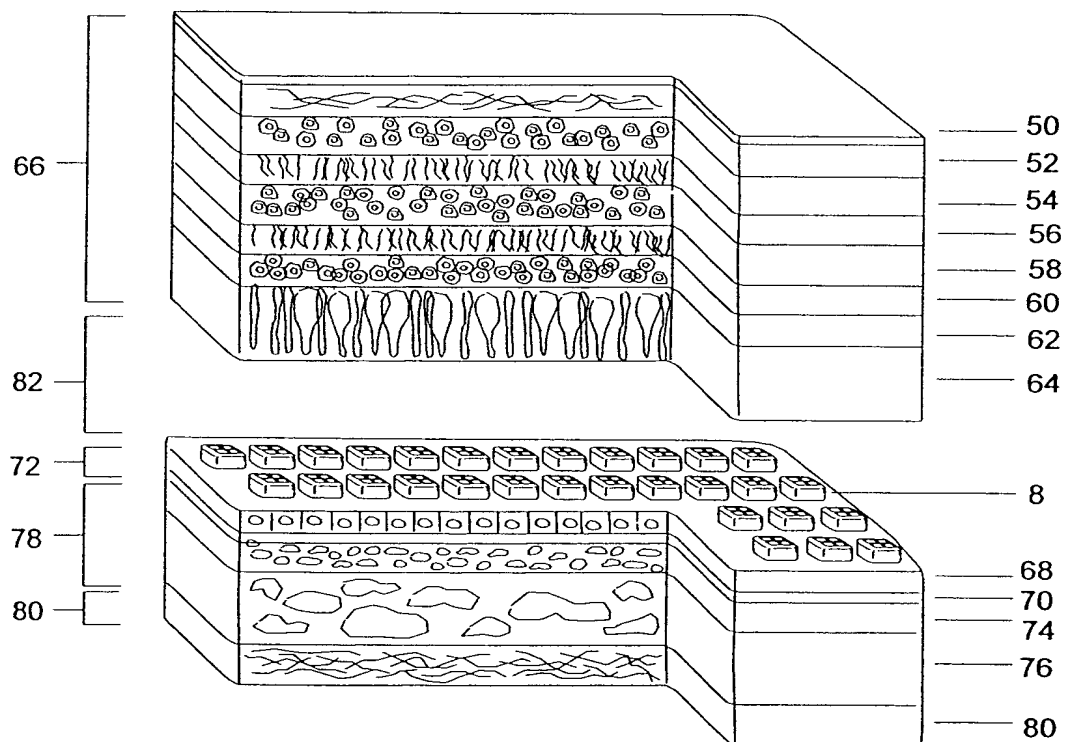
Fig. 10



Patent Application for: MULTI-PHASIC MICROPHOTODIODE RETINAL IMPLANT AND ADAPTIVE
IMAGING RETINAL STIMULATION SYSTEM

Inventor(s): Alan Y. Chow et al.
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Fig. 11



Patent Application for: MULTI-PHASIC MICROPHOTODIODE RETINAL IMPLANT AND ADAPTIVE
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Inventor(s): Alan Y. Chow et al.

Attorney Docket No. 3614/171

Fig. 12

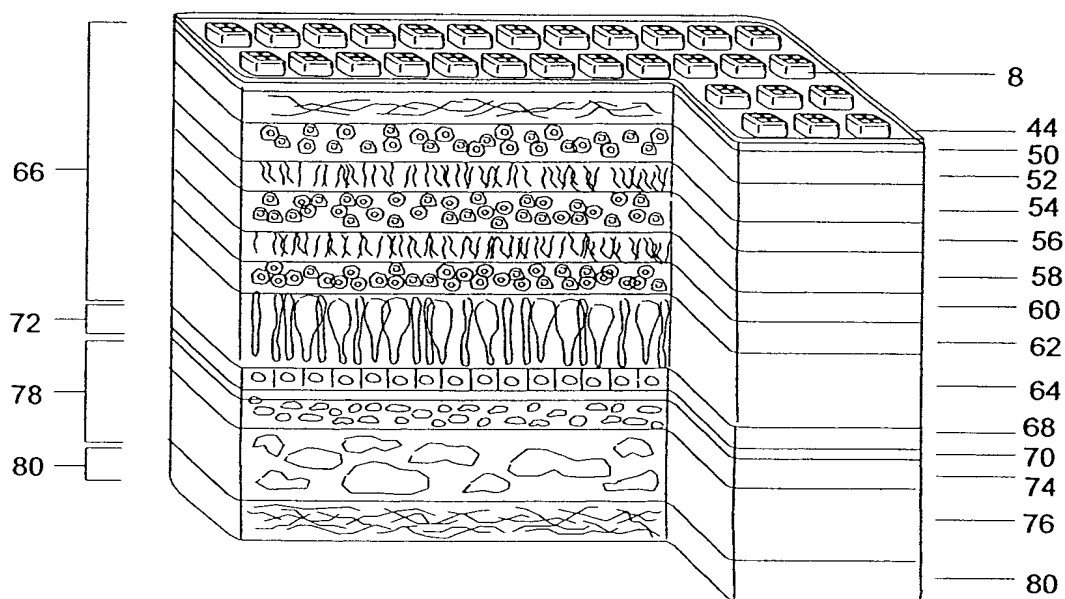


Fig. 13

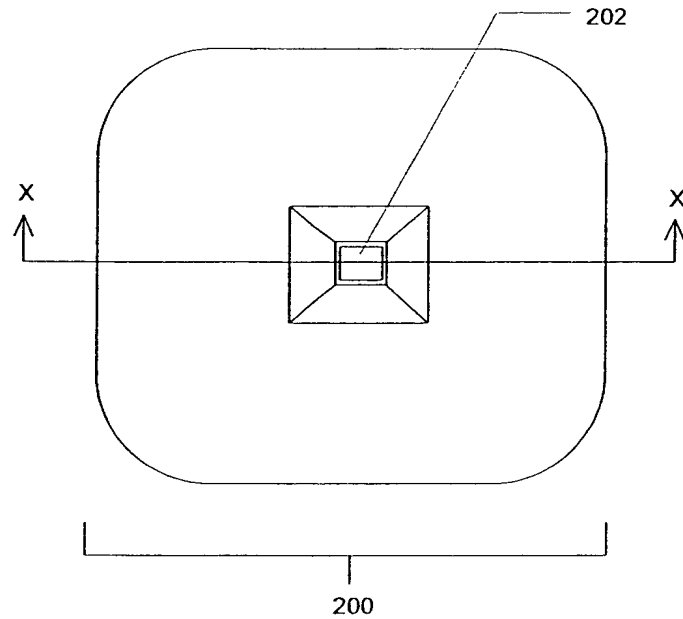


Fig. 14

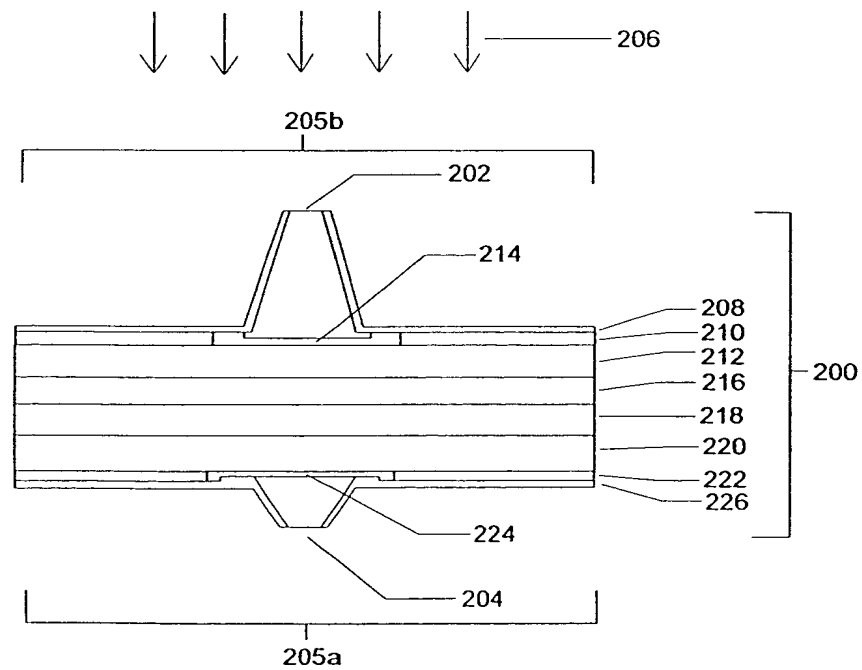


Fig. 15

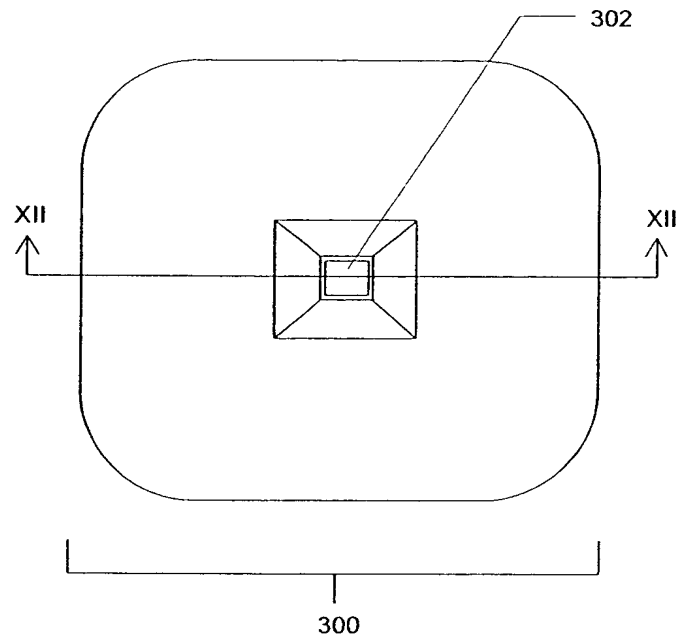
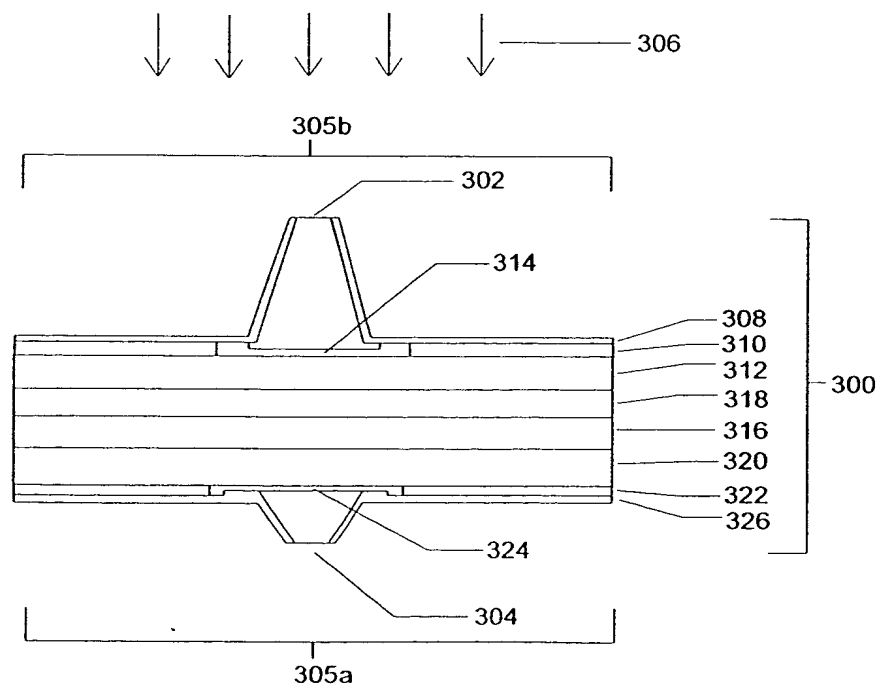


Fig. 16



A cross-sectional view of a multi-layered structure 400, which is divided into four quadrants by a central vertical axis. The left half is designated by bracket 200 and the right half by bracket 300. The top half is designated by bracket 205b and the bottom half by bracket 305b. The bottom half is also designated by bracket 205a and the right half by bracket 305a. The structure consists of a central vertical core 400. On the left side, there are six horizontal layers labeled 208, 210, 212, 216, 218, and 220. On the right side, there are six horizontal layers labeled 308, 310, 312, 316, 320, and 322. The outermost layers on both sides are labeled 226 and 326. The top half features two trapezoidal structures, 214 on the left and 314 on the right, which are wider at the top and narrower at the bottom. The bottom half features two trapezoidal structures, 224 on the left and 324 on the right, which are wider at the bottom and narrower at the top. The top half is also labeled with 202 and 302, and the bottom half with 204 and 304. The bottom half is also labeled with 350.

Fig. 19

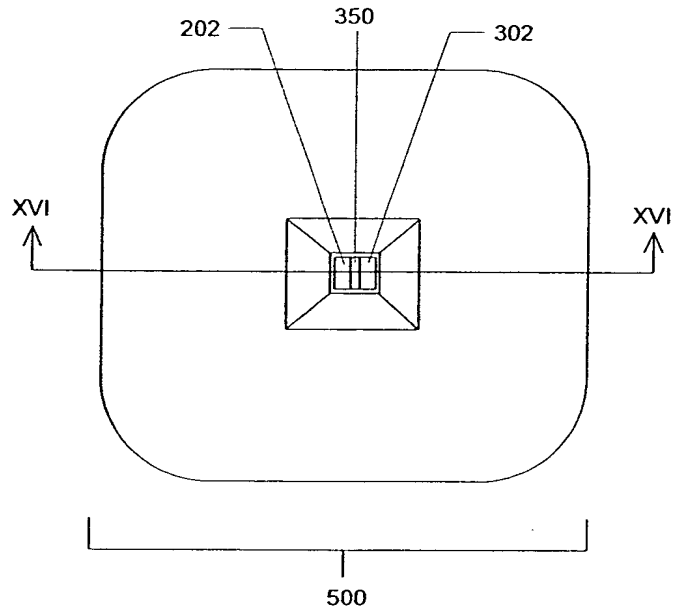


Fig. 20

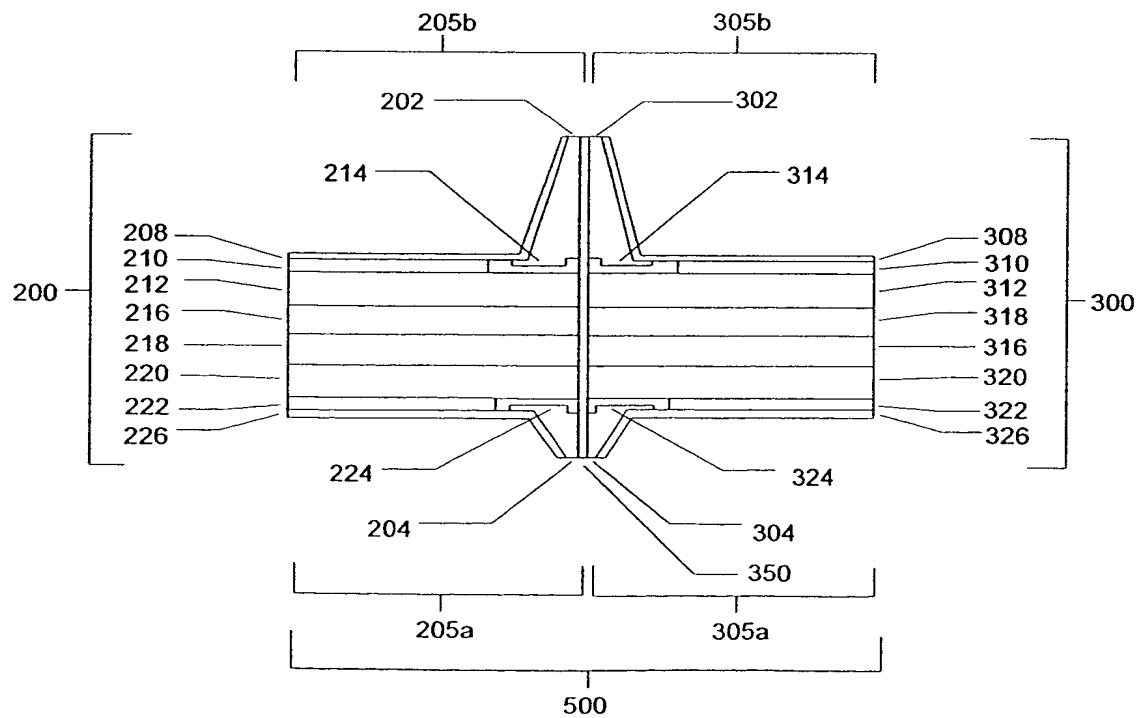


Fig. 21

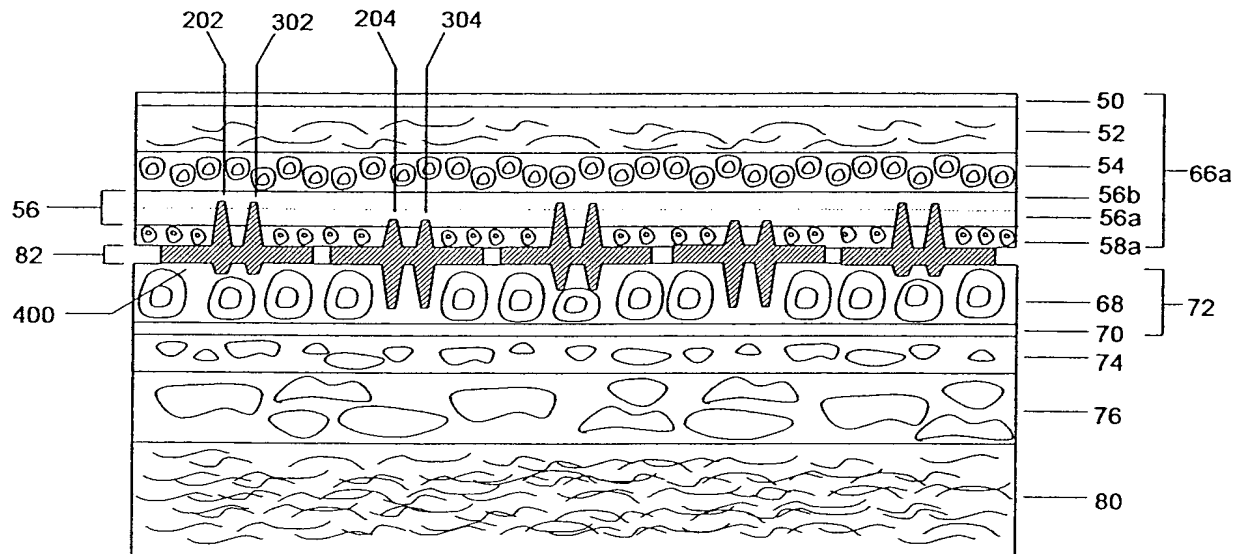
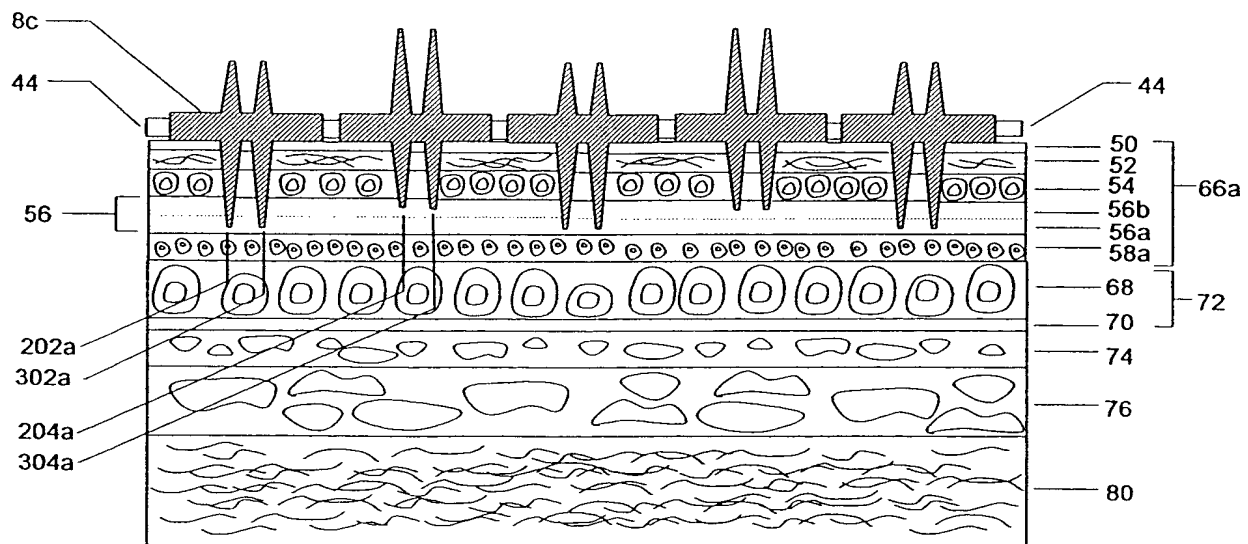
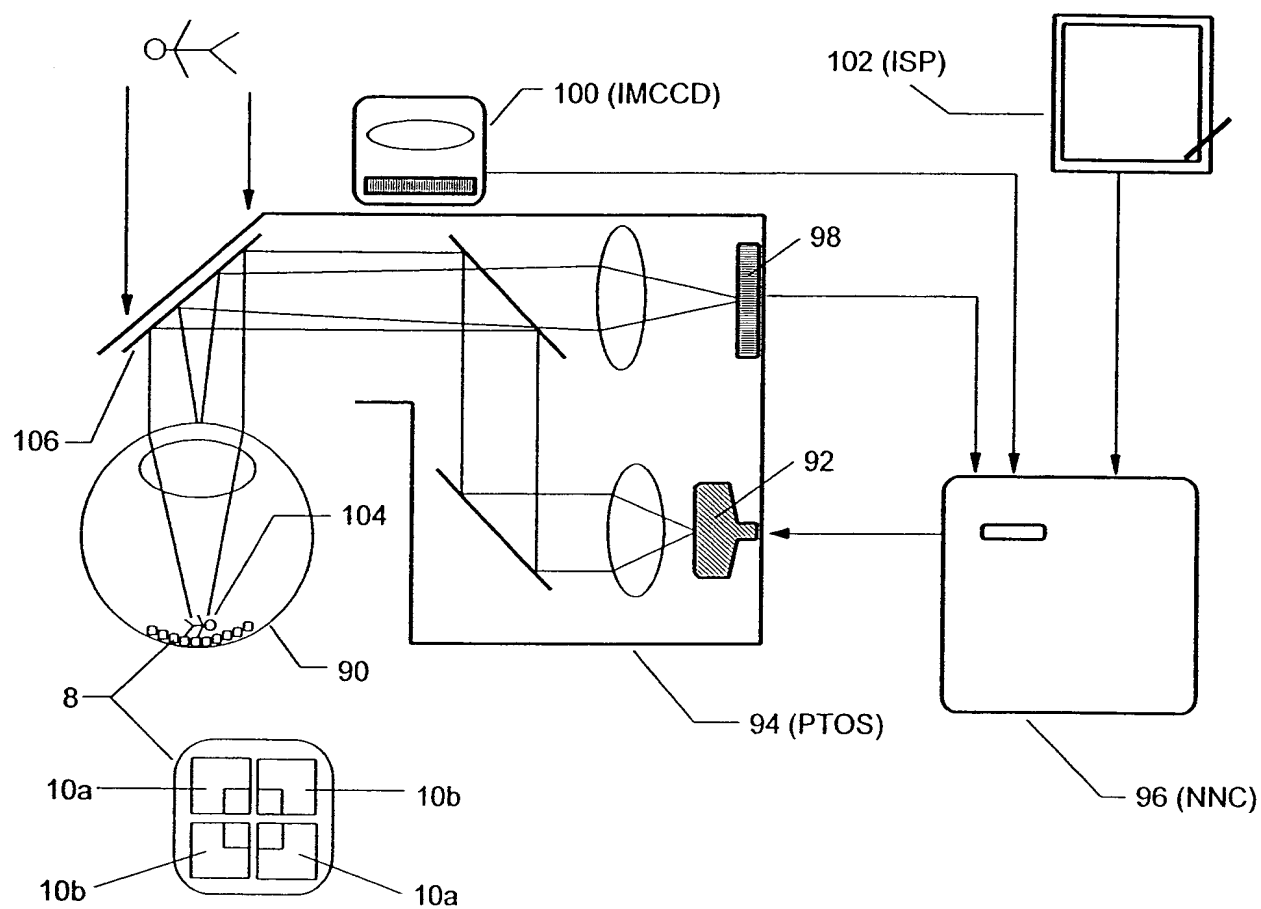


Fig. 22



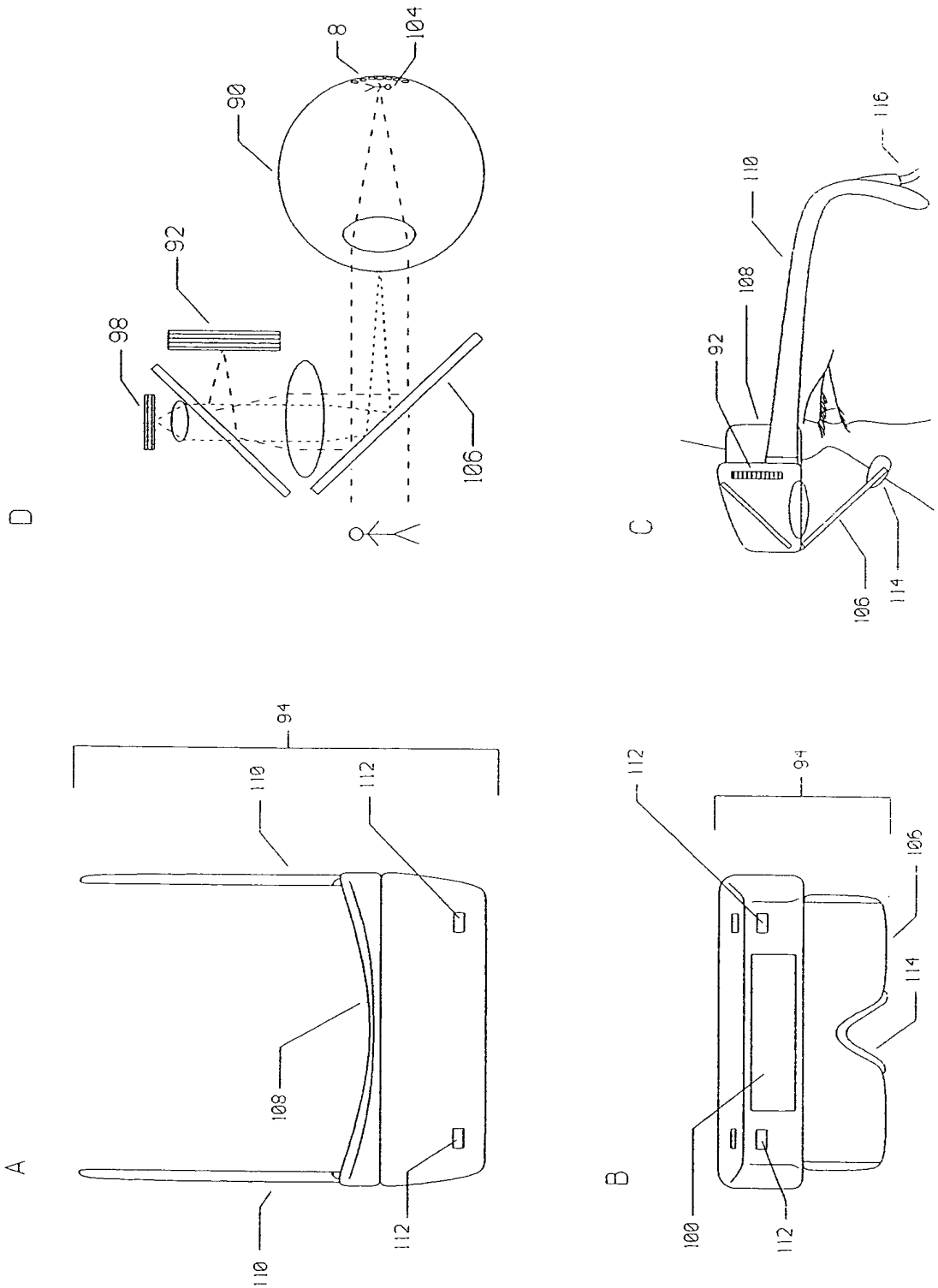
ADAPTIVE IMAGING RETINAL STIMULATION SYSTEM (AIRES)



Patent Application for: MULTI-PHASIC MICROPHOTODIODE RETINAL IMPLANT AND ADAPTIVE IMAGING RETINAL STIMULATION SYSTEM

Inventor(s): Alan Y. Chow et al.
Attorney Docket No. 3614/171

Fig. 24



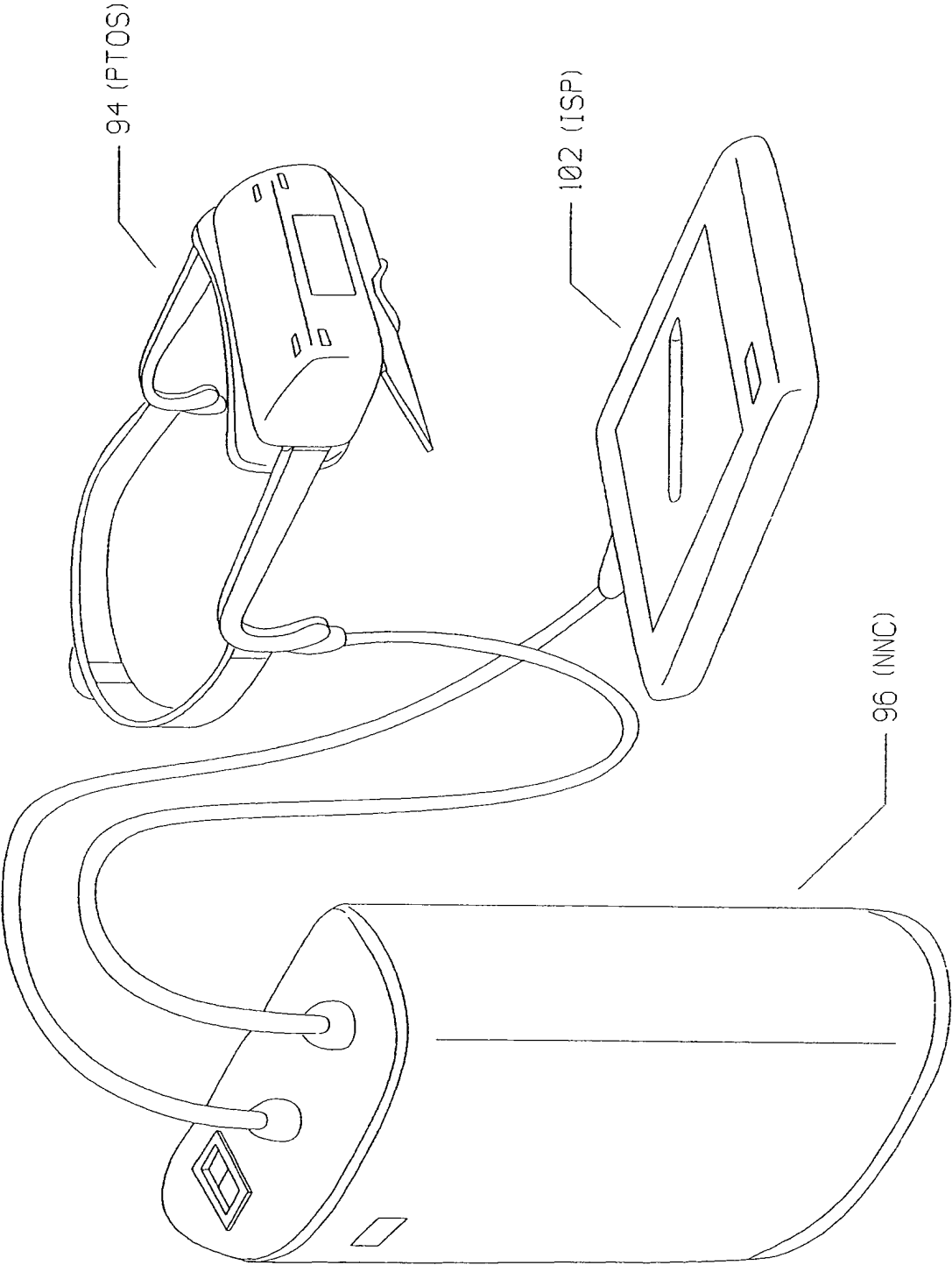
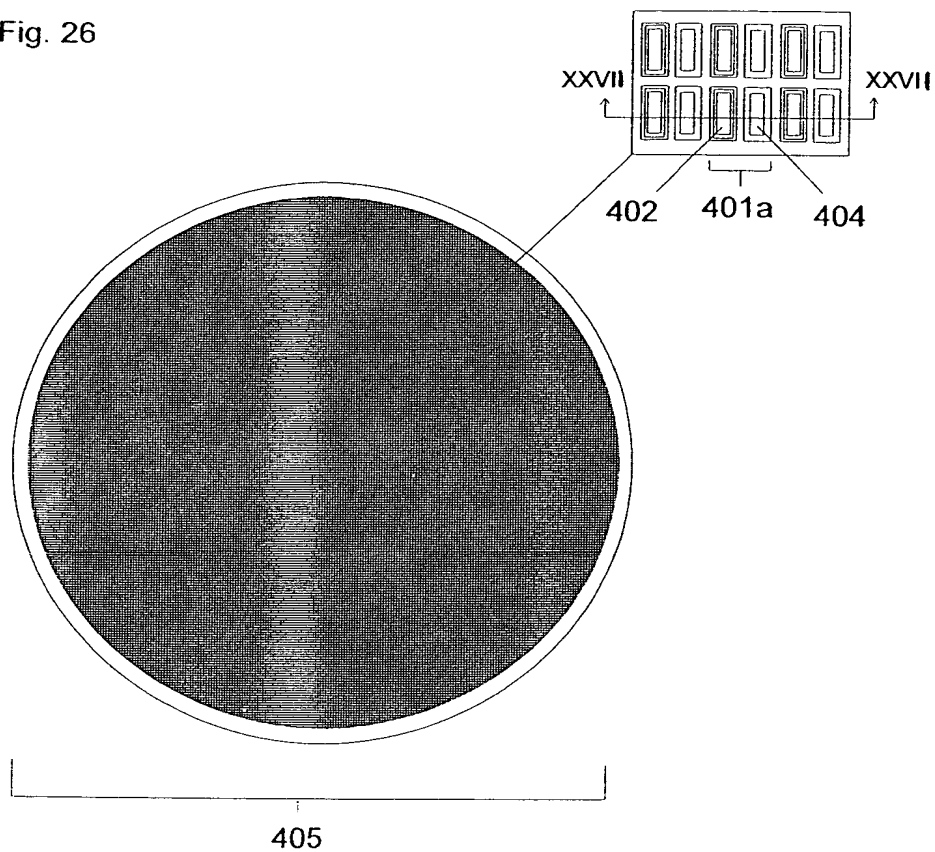


Fig. 25

Fig. 26



Patent Application for: MULTI-PHASIC MICROPHOTODIODE RETINAL IMPLANT AND ADAPTIVE IMAGING RETINAL STIMULATION SYSTEM

Inventor(s): Alan Y. Chow et al.

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Fig. 27A

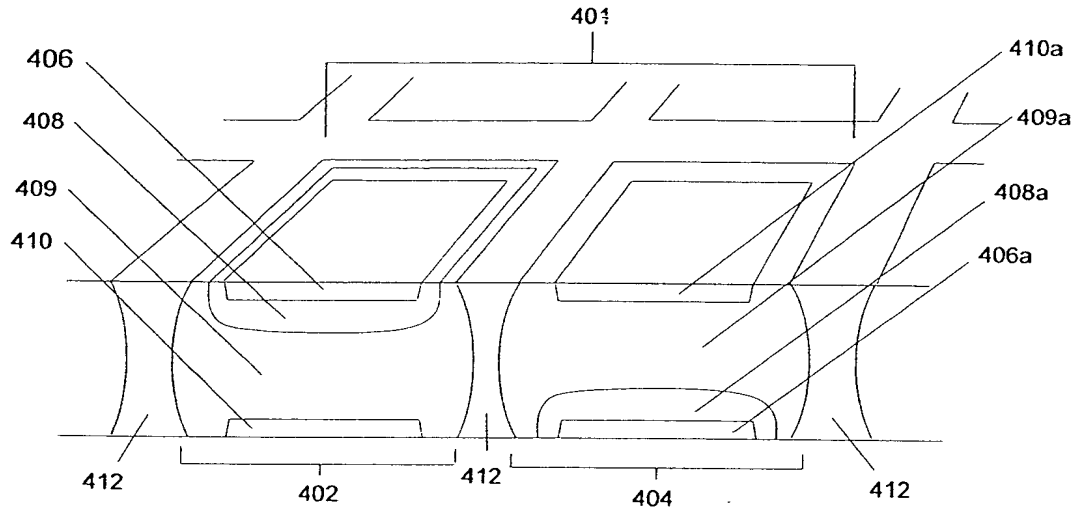


Fig. 27B

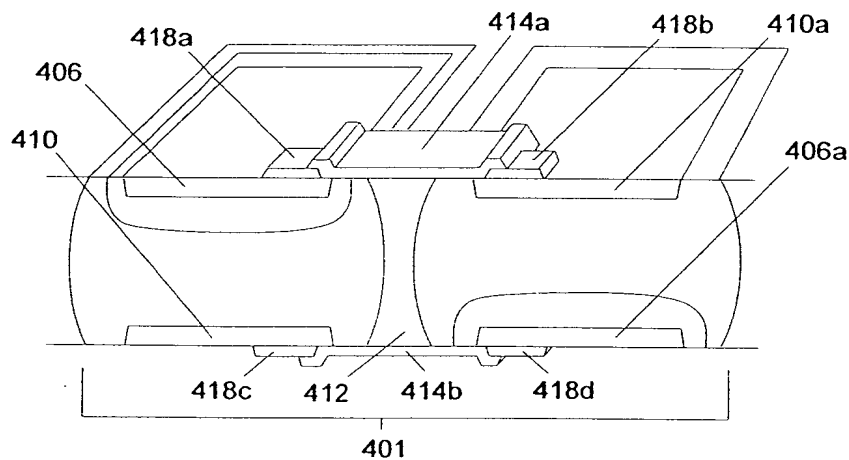
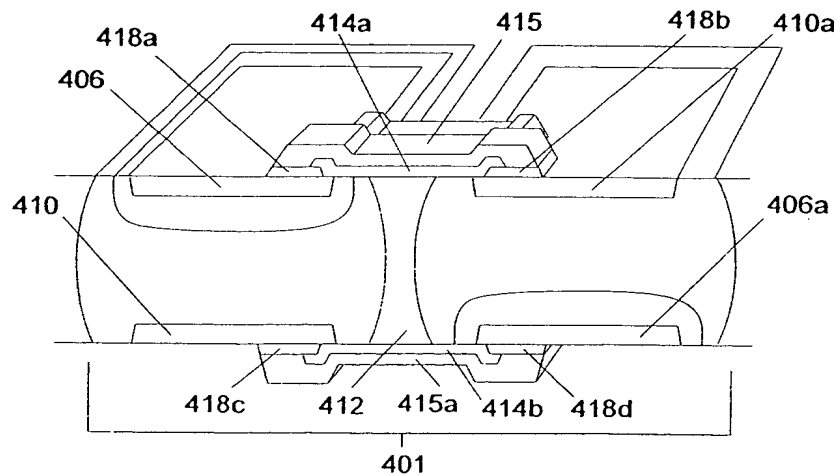


Fig. 27C



Patent Application for: MULTI-PHASIC MICROPHOTODIODE RETINAL IMPLANT AND ADAPTIVE IMAGING RETINAL STIMULATION SYSTEM

Inventor(s): Alan Y. Chow et al.

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Fig. 27D

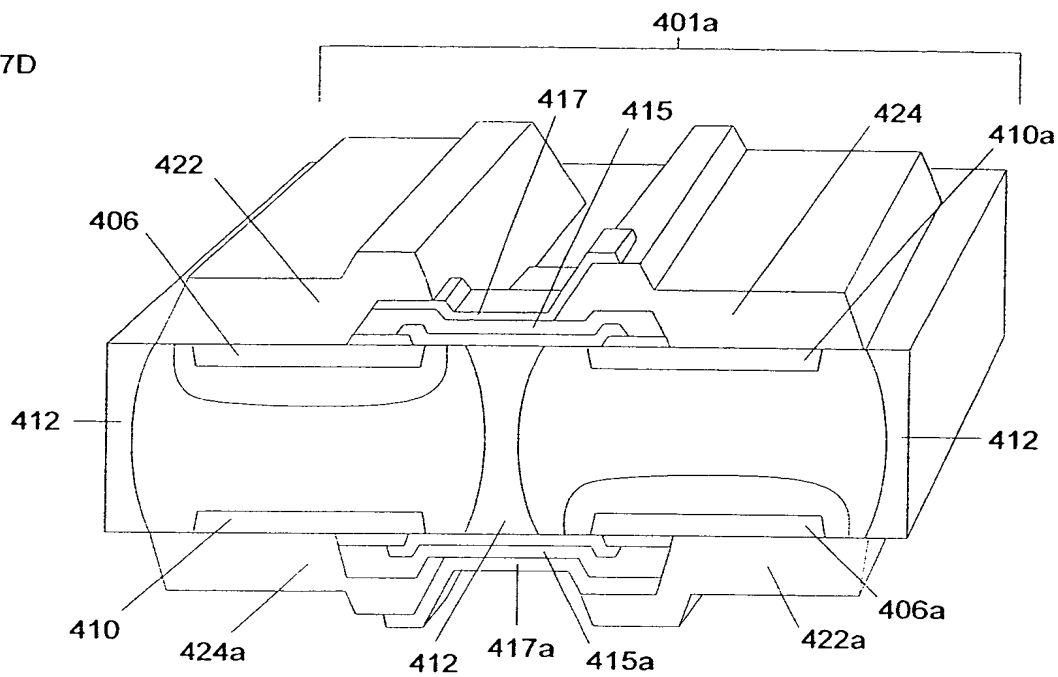


Fig. 27E

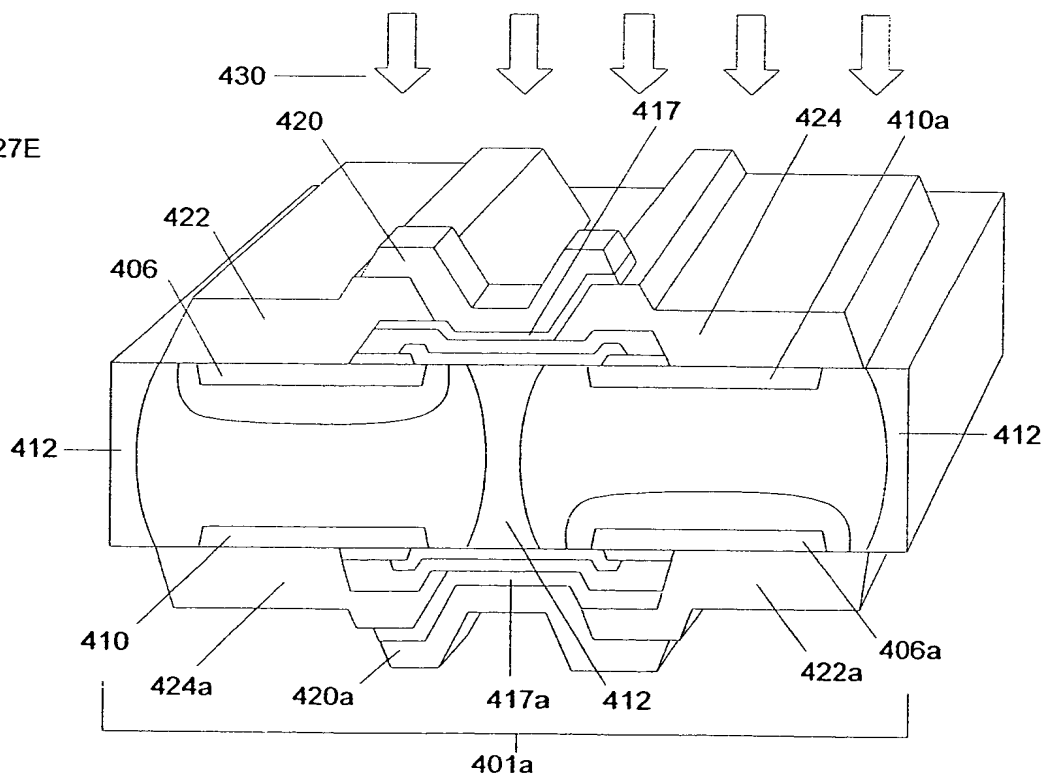


Fig. 28

